

Docket No.: 075170-0011

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Katsuyuki IMAI, et al. : Confirmation No.: Not yet assigned  
Application No.: Not yet assigned : Group Art Unit: Not yet assigned  
Filed: December 05, 2005 : Examiner: Not yet assigned  
For: ELECTROMAGNETIC LENS ARRAY ANTENNA DEVICE

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents and Trademarks  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37

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IAP9 Rec'd PCT/PTO 05 DEC 2005

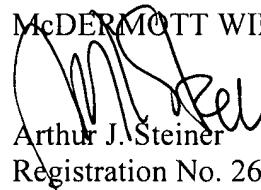
CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

However, to ensure that these references are available to the Examiner, we are providing copies of these references herewith. Since the Search Report was from the U.S. JPO or EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

A copy of the International Preliminary Report on Patentability is also attached for the Examiner's information.

Respectfully submitted,

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**Date: December 5, 2005**

**Please recognize our Customer No. 20277  
as our correspondence address.**

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SHEET 1 OF 2

INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)				ATTY. DOCKET NO. <b>075170-0011</b>	SERIAL NO. <b>Not yet assigned</b>	
				APPLICANT <b>Katsuyuki IMAI, et al.</b>		
				FILING DATE <b>December 05, 2005</b>	GROUP <b>Not yet assigned</b>	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US	4,468,672	08/28/1984	Dragone		Corresponds to US 4,482.892
	US	4,482,899	11/13/1984	Dragone		Corresponds to US 4,468.672
	US	6,580,400 B2	06/17/2003	Sato et al.		Corresponds to JP 2001-284950 A
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code <sub>3</sub> -Number-Kind Codes ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes      No
		WO 03/030303 A1	04/10/2003	SUMITOMO ELECTRIC INDUSTRIES, LTD.		International Published Application (w/English Abstract)
		JP 10-163730	06/19/1998	MURATA MFG CO LTD.		JAPAN (w/English Abstract)
		JP 2002-232230 A	08/16/2002	TOSHIBA CORP.		JAPAN (w/English Abstract)
		JP 6-504659	05/26/1994		Corresponds to WO 92/13373	X
		WO 92/13373	08/06/1992	THOMSON CONSUMER ELECTRONICS S.A.	Corresponds to JP 6-504659	X
		JP 11-027037	01/29/1999	NIPPON ANTENNA CO LTD		JAPAN (w/English Abstract)
		JP 2001-284950 A	10/12/2001	ALPS ELECTRIC CO LTD.	Corresponds to US 6,580,400 B2	JAPAN (w/English Abstract)
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
EXAMINER			DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

10/559574  
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	US					
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number +-Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes      No
		JP 53-146557	12/20/1978	NIPPON TELEGR & TELEPH CORP <NTT>		JAPAN (w/English Abstract)
		JP 54-004049	01/12/1979	NIPPON TELEGR & TELEPH CORP <NTT>	Corresponds to JP 57-55321	ENGLISH ABSTRACT ONLY
		JP 57-55321	11/24/1982		Corresponds to JP 54-004049	X
		JP 2001-068919 A	03/16/2001	DX ANTENNA CO LTD.		JAPAN (w/English Abstract)
		JP 05-308220	11/19/1993	MITSUBISHI ELECTRIC CORP.		JAPAN (w/English Abstract)
		JP 59-094902	05/31/1984	NEC CORP.		JAPAN (w/English Abstract)
		JP 04-074005	03/09/1992	SUMITOMO ELECTRIC IND LTD.		JAPAN (w/English Abstract)
		JP 04-369905	12/22/1992	YONEYAMA TSUTOMU YAGI ANTENNA CO LTD	Corresponds to JP 3195923	ENGLISH ABSTRACT ONLY
		JP 3195923	06/08/2001		Corresponds to JP 04-369905	X
		JP 2004-304659 A	10/28/2004	ABEL SYSTEMS INC		JAPAN (w/English Abstract)
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
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